

March 31, 2005
Case No. GP-302117 (2760/58)
Serial No.: 10/077,013
Filed: February 13, 2002
Page 2 of 9

CLAIM AMENDMENT:

Please add claim 22 so that the claims currently pending read as follows:

1. (Original) A method of providing information to a mobile vehicle user comprising:
 - receiving broadcast information at the mobile vehicle, wherein the broadcast information comprises information location coordinate data;
 - determining whether the information location coordinate data resides within a convex hull; and
 - presenting the broadcast information to the mobile vehicle user based on the determination.
2. (Original) The method of claim 1 wherein the broadcast information is received from a broadcast service selected from a group consisting of a radio data service, a radio broadcast data service, a satellite broadcast service, a radio broadcast service, and a wireless communications broadcast service.
3. (Original) The method of claim 1 wherein the information location coordinate data comprises a longitude and a latitude associated with the broadcast information.
4. (Original) The method of claim 1 further comprising:
 - recording a plurality of vehicle location coordinates; and
 - generating the convex hull from the recorded vehicle location coordinates.
5. (Original) The method of claim 4 further comprising:
 - updating the convex hull based on a coordinate input.

March 31, 2005
Case No. GP-302117 (2760/58)
Serial No.: 10/077,013
Filed: February 13, 2002
Page 3 of 9

6. (Original) The method of claim 5 wherein the coordinate input is selected from a group consisting of a current vehicle location coordinate, a previous vehicle location coordinate, a recorded vehicle location coordinate input, a collection period, a collection frequency, a vehicle location coordinate retention period, a global positioning service quality indicator, and a user location coordinate input.

7. (Original) The method of claim 1 further comprising:
transferring the broadcast information to a vehicle presentation manager;
rendering the broadcast information with the vehicle presentation manager; and
sending the broadcast information to a presentation device.

8. (Original) The method of claim 7 wherein the presentation device is selected from a group consisting of a visual display, an audio device, and an audio-visual display device.

9. (Original) A computer usable medium including a program for providing information to a mobile vehicle user comprising:
computer program code to receive broadcast information at the mobile vehicle, wherein the broadcast information comprises information location coordinate data;
computer program code to determine whether the information location coordinate data resides within a convex hull; and
computer program code to present the broadcast information to the mobile vehicle user based on the determination.

March 31, 2005
Case No. GP-302117 (2760/58)
Serial No.: 10/077,013
Filed: February 13, 2002
Page 4 of 9

10. (Original) The computer usable medium of claim 9 wherein the broadcast information is received from a broadcast service selected from a group consisting of a radio data service, a radio broadcast data service, a satellite broadcast service, a radio broadcast service, and a wireless communications broadcast service.

11. (Original) The computer usable medium of claim 9 wherein the information location coordinate data comprises a longitude and a latitude associated with the broadcast information.

12. (Original) The computer usable medium of claim 9 further comprising:

computer program code to record a plurality of vehicle location coordinates; and

computer program code to generate the convex hull from the recorded vehicle location coordinates.

13. (Original) The computer usable medium of claim 12 further comprising:

computer program code to update the convex hull based on a coordinate input.

14. (Original) The computer usable medium of claim 13 wherein the coordinate input is selected from a group consisting of a current vehicle location coordinate, a previous vehicle location coordinate, a recorded vehicle location coordinate input, a collection period, a collection frequency, a vehicle location coordinate retention period, a global positioning service quality indicator, and a user location coordinate input.

March 31, 2005
Case No. GP-302117 (2760/58)
Serial No.: 10/077,013
Filed: February 13, 2002
Page 5 of 9

15. (Original) The computer usable medium of claim 9 further comprising:

computer program code to transfer the broadcast information to a vehicle presentation manager;

computer program code to render the broadcast information with the vehicle presentation manager; and

computer program code to send the broadcast information to a presentation device.

16. (Original) The computer usable medium of claim 15 wherein the presentation device is selected from a group consisting of a visual display, an audio device, and an audio-visual display device.

17. (Original) A system for providing information to a mobile vehicle user comprising:

means for receiving broadcast information at the mobile vehicle, wherein the broadcast information comprises information location coordinate data and at least one data string;

means for determining whether the information location coordinate data resides within a convex hull; and

means for presenting the broadcast information to the mobile vehicle user based on the determination.

18. (Original) The system of claim 17 further comprising:

means for recording a plurality of vehicle location coordinates; and

means for generating the convex hull from the recorded vehicle location coordinates.

March 31, 2005
Case No. GP-302117 (2760/58)
Serial No.: 10/077,013
Filed: February 13, 2002
Page 6 of 9

19. (Original) The system of claim 17 further comprising:
means for updating the convex hull based on a coordinate input.
20. (Original) The system of claim 17 further comprising:
means for transferring the broadcast information to a vehicle
presentation manager;
means for rendering the broadcast information with the vehicle
presentation manager; and
means for sending the broadcast information to a presentation device.
21. (Previously Presented) A method of providing information to a mobile
vehicle user comprising:
receiving broadcast information at the mobile vehicle, wherein the
broadcast information comprises information location coordinate data;
determining whether the information location coordinate data resides
within a convex hull incorporating data from an in-vehicle GPS; and
presenting the broadcast information to the mobile vehicle user based
on the determination.
22. (New) The method of claim 21 wherein the convex hull is determined
in response to a plurality of received and stored longitudinal and latitudinal coordinate
positions from the GPS unit, wherein the convex hull represents an area in which a
mobile vehicle user often drives.